

S-08-780-869-4

Sequence 7 Application US/08780869
Patent No. 5830737

GENERAL INFORMATION:

APPLICANT: KOSTERS-VAN SOMEREN, MARGO A.
APPLICANT: MÜLLER, YVONNE
APPLICANT: KESTER, HERMANUS C.M.
APPLICANT: VISSER, JACOB
APPLICANT: VAN OOYEN, ALBERT J.J.
APPLICANT: ROLIN, CLAUD
TITLE OF INVENTION: CLONING AND EXPRESSION OF THE
TITLE OF INVENTION: EXO-POLYGALACTURONASE GENE FROM ASPERGILLUS
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 2000 Pennsylvania Avenue N.W.
City: Washington
STATE: DC
COUNTRY: USA
Zip: 20006-1812

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/780,869
FILING DATE: 24-JAN-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/290,978
FILING DATE: 17-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: MURSHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4615-0044.00
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:
LENGTH: 2974 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: ORGANISM: Aspergillus tubigensis
STRAIN: NM756

FEATURE:

NAME/KEY: exon
LOCATION: 640..945

FEATURE:

NAME/KEY: Intron
LOCATION: 946..1002

FEATURE:

NAME/KEY: exon
LOCATION: 1003..1371

FEATURE:

NAME/KEY: Intron
LOCATION: 1372..1423

FEATURE:

NAME/KEY: exon
LOCATION: 1424..1480

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NAME/KEY: Intron
LOCATION: 1481..1538

FEATURE:

NAME/KEY: exon
LOCATION: 1539..1940

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LOCATION: 1941..1990
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NAME/KEY: exon
LOCATION: 1991..2092
FEATURE:
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LOCATION: 2093..2144
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LOCATION: 2145..2219
FEATURE:
NAME/KEY: intron
LOCATION: 2220..2272
FEATURE:
NAME/KEY: exon
LOCATION: 2273..2317
FEATURE:
NAME/KEY: CDS
LOCATION: join(640..945, 1003..1371, 1424..1480, 1539..1940,
1991..2092, 2145..2219, 2273..2317)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 640
OTHER INFORMATION: /note="codon start=640; product=
OTHER INFORMATION: "exo-polygalacturonase precursor"; gene="pgax"
FEATURE:
NAME/KEY: sig_peptide
LOCATION: 640..705
FEATURE:
NAME/KEY: mat_peptide
LOCATION: 706..2317
FEATURE:
NAME/KEY: misc_feature
LOCATION: 706..2317
OTHER INFORMATION: /note="IDENTIFICATION METHOD:
OTHER INFORMATION: experimental; product="exo-polygalacturonase mature enzym
OTHER INFORMATION: evidence="EXPERIMENTAL"
US-08-780-869-4

Query Match 50.8%; Score 19.8; DB 2; Length 2974;
Best Local Similarity 69.2%; Pred. No. 64;
Matches 27; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 1 aggaatggccttggtgacctgggaatggcctctatt 39
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Db 7 AGAGATGCCCTGTGGGCTTTAAATGCTTCTAGT 45

RESULT 7
US-08-943-731-1
; Sequence 1, Application US/08943731
; Patent No. 6265157
; GENERAL INFORMATION:
; APPLICANT: PROCKOP, DARWIN J.
; APPLICANT: SPOTILIA, LORETTA D.
; APPLICANT: DELTAS, CONSTANTINOS D.
; APPLICANT: SEREDA, LARISA
; APPLICANT: LARSON, ANDREA W.
; APPLICANT: PACK, MICHAEL
; APPLICANT: COLIGE, ALAIN
; APPLICANT: EARLY, JAMES
; APPLICANT: KORRKO, JARMO
; APPLICANT: ALA-KORRO, LEENA, et al.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING
; TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES
; NUMBER OF SEQUENCES: 666
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND
; STREET: FLR.
; CITY: PHILADELPHIA

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Query Match	50.8%;	Score 19.8;	DB 4;	Length 33529;
Best Local Similarity	69.2%;	Pred. No. 99;		

RESULT 10
 US-08-470-179-111
 ; Sequence 111, Application US/08470179
 ; Patent No. 5645994
 ; GENERAL INFORMATION:
 APPLICANT: Huang Ph.D, Wai Mun
 TITLE OF INVENTION: Method and Compositions for
 ; TITLE OF INVENTION: Identification of Species In a Sample
 ; NUMBER OF SEQUENCES: 207
 ; CORRESPONDENCE ADDRESS:
 ADDRESSEE: Trisk, Britz and Rossa
 STREET: P.O. Box 2550
 CITY: Salt Lake City
 STATE: Utah
 COUNTRY: USA
 ZIP: 84110
 ; COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/10602
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/017,814
FILING DATE: 20-JUN-1995
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 00786/282001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1263 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
PCT-US96-10602-9

Query Match 49.7%; Score 19.4; DB 5; Length 1263;
Best Local Similarity 79.3%; Pred. No. 78;
Matches 23; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 1 ggaagatgacctgtgtgcttgaagt 29
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DB 430 AGGAGATTGCTTGTGGCTATACACTG 458

RESULT 14
US-08-391-000-41
Sequence 41, Application US/08391000
Patent No. 5723752
GENERAL INFORMATION:
APPLICANT: HOUTZ, Robert L.
TITLE OF INVENTION: CLONING AND DEVELOPMENTAL EXPRESSION OF
TITLE OF INVENTION: PEA RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE LARGE
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/391,000
FILING DATE: 21-FEB-1995
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 028750-123
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 1801 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 59..1528

US-08-391-000-41
Query Match 49.7%; Score 19.4; DB 1; Length 1801;
Best Local Similarity 70.3%; Pred. No. 83;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
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DB 1493 GGCGATATCCTTGGAGACCTAGGAAATCTCTTAAT 1529

RESULT 15
US-08-741-931-41
Sequence 41, Application US/08741931
Patent No. 5866394
GENERAL INFORMATION:
APPLICANT: HOUTZ, Robert L.
TITLE OF INVENTION: CLONING AND DEVELOPMENTAL EXPRESSION OF
TITLE OF INVENTION: PEA RIBULOSE-1,5-BISPHOSPHATE CARBOXYLASE/OXYGENASE LARGE
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/741,931
FILING DATE: 31-OCT-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/391,000
FILING DATE: 21-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Meuth, Donna M.
REGISTRATION NUMBER: 36,607
REFERENCE/DOCKET NUMBER: 028750-123
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 1801 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 59..1528
US-08-741-931-41

Query Match 49.7%; Score 19.4; DB 2; Length 1801;
Best Local Similarity 70.3%; Pred. No. 83;
Matches 26; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 2 ggaagatgacctgtgtgcttgaagtcttat 38
|||||
DB 1493 GGCGATATCCTTGGAGACCTAGGAAATCTCTTAAT 1529

Search completed: January 29, 2002, 21:24:42
Job time: 1720 sec

Wed Jan 30 10:06:07 2002

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